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May 1964

PHOTOGRAPHIC INTERPRETATION REPORT

ROCKET TEST FACILITY NEAR ZAGORSK, USSR



CIA

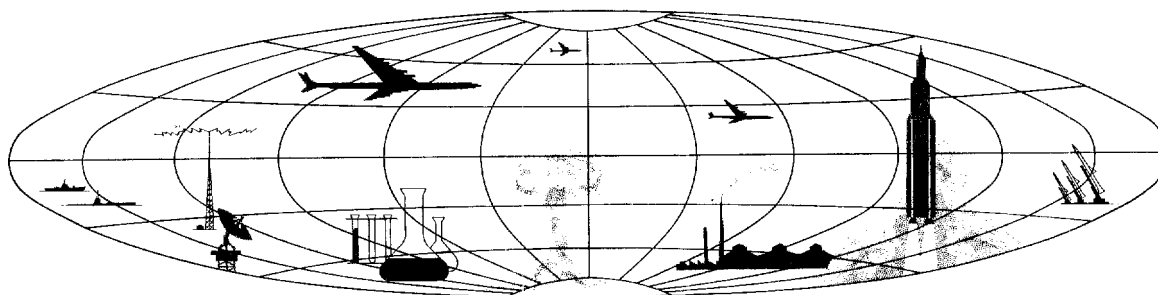


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ROCKET TEST FACILITY NEAR ZAGORSK, USSR

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INTRODUCTION

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The Zagorsk Rocket Test Facility Krasnozavodsk is situated at 56-25N 38-10E, 7 nautical miles (nm) north-northeast of Zagorsk, USSR, and 44 nm north-east of Moscow (Figure 1). The Krasnozavodsk Ammunition Plant is 2.5 nm to the northeast, and Moscow SAM Site E03-1 is 2.5 nm to the southeast. Two nearby unidentified installations are possibly related to the rocket test facility. Of these, Installation No 1 is situated at 56-27N 38-05E, 3.5 nm northwest of the facility and 0.5 nm west of the village of Iudino; Installation No 2 is situated at 56-29N 38-03E, 5 nm northwest of the facility.

This rocket test facility was the subject of a previous photographic interpretation report which was based on photography from missions, the latest of which was dated 1/ This

report updates information in the referenced report and is based on photography from subsequent missions, the latest of which took place on

The test facility consists of a secured area measuring approximately 7,500 by 7,200 feet containing three vertical test stands and various associated buildings and adjacent housing and support areas (Figures 2 and 3). No changes in the facility were observed on photography dated a period covered in the referenced report; therefore, changes indicated in Figure 3 are dated from rather than the cutoff date of the previous report. A general discussion is followed by detailed descriptions of the three test stands and of the nearby unidentified installations that may be related to the test facility.

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ROCKET TEST FACILITY

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CHANGES SINCE

The Zagorsk Rocket Test Facility consists of one large and two smaller vertical test stands, one large checkout/assembly building, two medium-sized checkout buildings, and associated support, storage, and housing facilities (Figures 2 and 3). The area containing the test stands and related operational facilities is fenced, and the housing and storage support facilities are situated immediately to the south (Figure 3). Since the roof coverage within the secured area has been increased by approximately 76,000 square feet.

photography shows no changes within the secured test area since However, the photography does show the beginning of construction on a new housing/storage area just south of the test area and the early stages of construction on a new access road to the test facility (Figure 3). Photography shows that an addition has been made to the large checkout/assembly building (item 5, Figure 3), doubling its size. This addition may have been still under construction at that time. The photography also shows that the new housing/storage area has probably been

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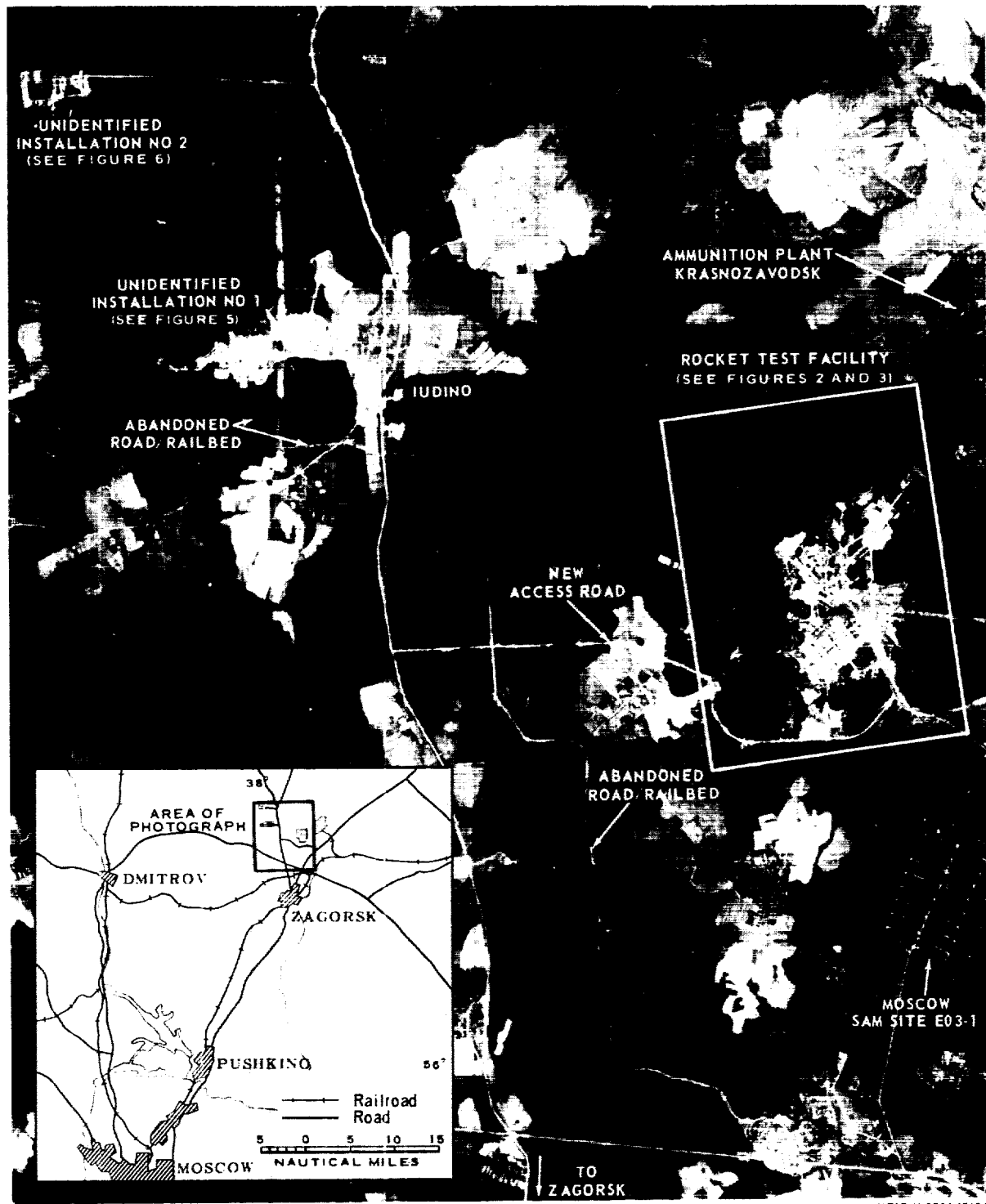


FIGURE 1. ZAGORSK ROCKET TEST FACILITY AND VICINITY,

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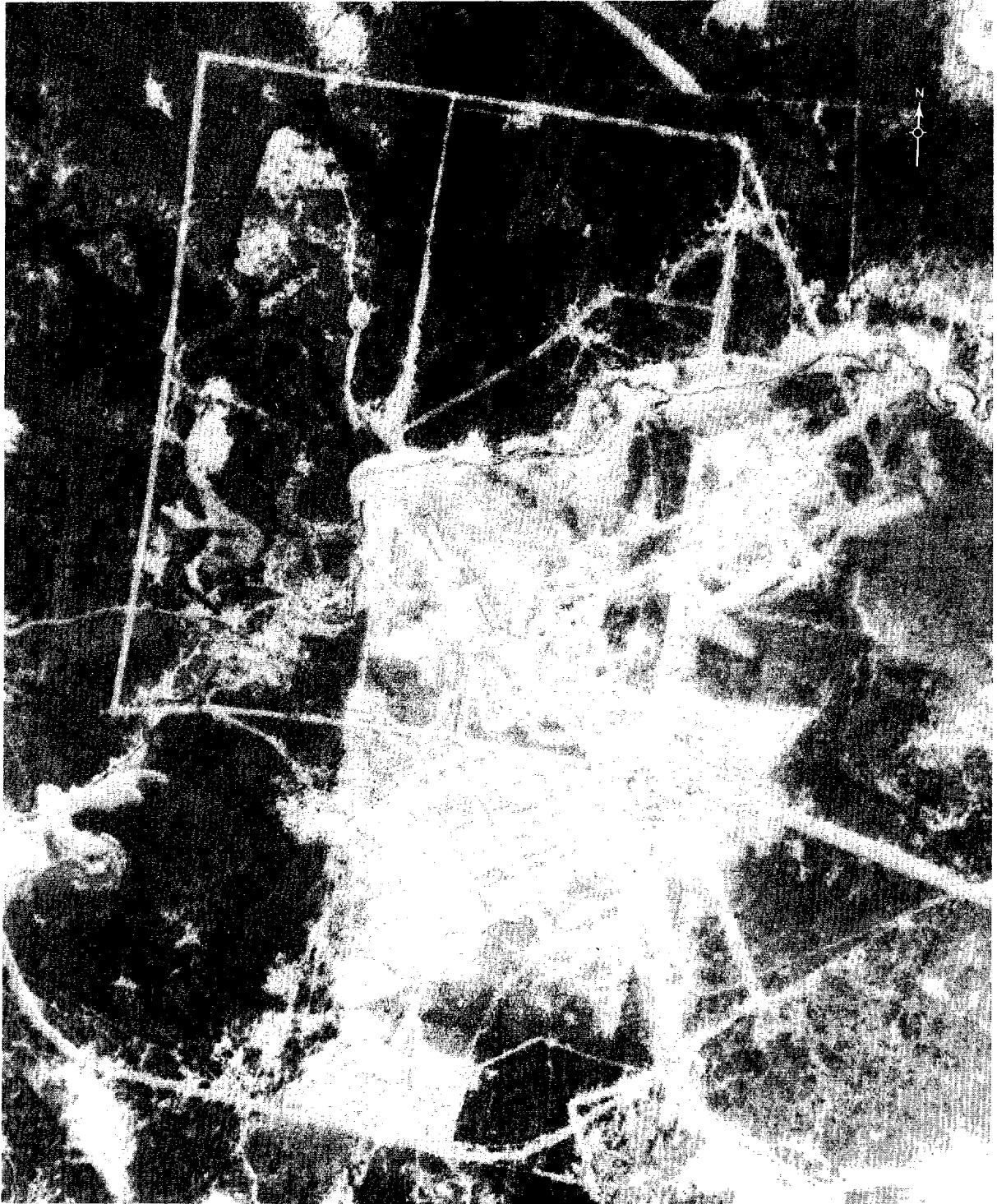


FIGURE 2. ZAGORSK ROCKET TEST FACILITY, [REDACTED]

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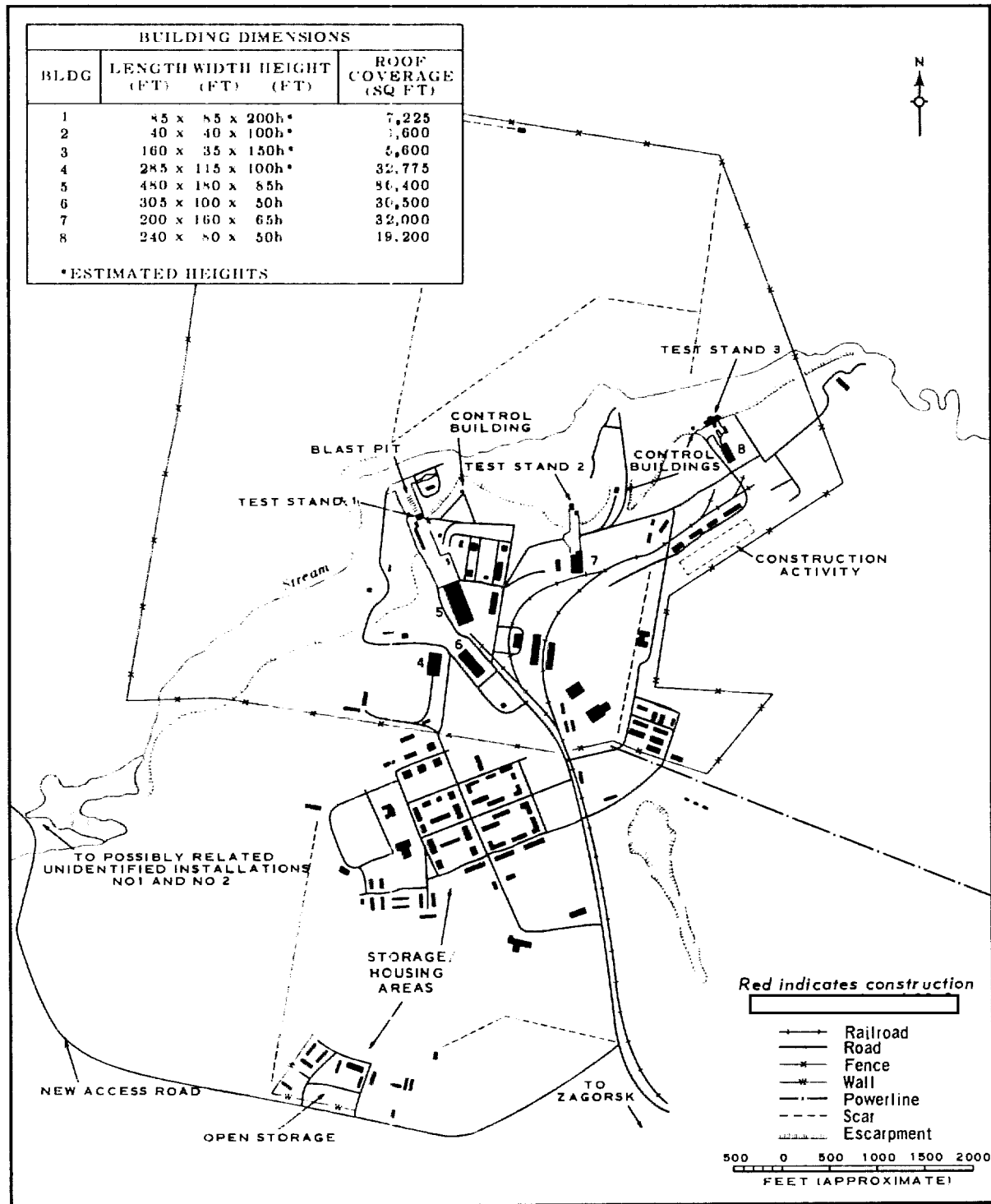


FIGURE 3. LAYOUT OF ZAGORSK ROCKET TEST FACILITY.

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completed and that the new access road is apparently complete.

Photography [REDACTED] shows that the apron at Test Stand 1 (Figure 3) has been widened near the recently enlarged checkout/assembly building, that a new support building (item 4) is under construction nearby, and that some unidentified construction activity is underway at the northeast side of the test facility. The new housing/storage area is walled along two sides and contains 13 housing and/or storage buildings and an area containing materials in open storage. Photography of [REDACTED] shows that the new support building (item 4)

has been completed, together with a short service road and a small building. The support building (item 6) adjacent to the new support building (item 4) has undergone no observed changes since [REDACTED]. Dimensions of the principal buildings in the test area are presented in the table on Figure 3.

TEST STANDS

Perspective views of the three vertical test stands are presented on Figure 4. All building dimensions and distance measurements presented in the following discussion of the test

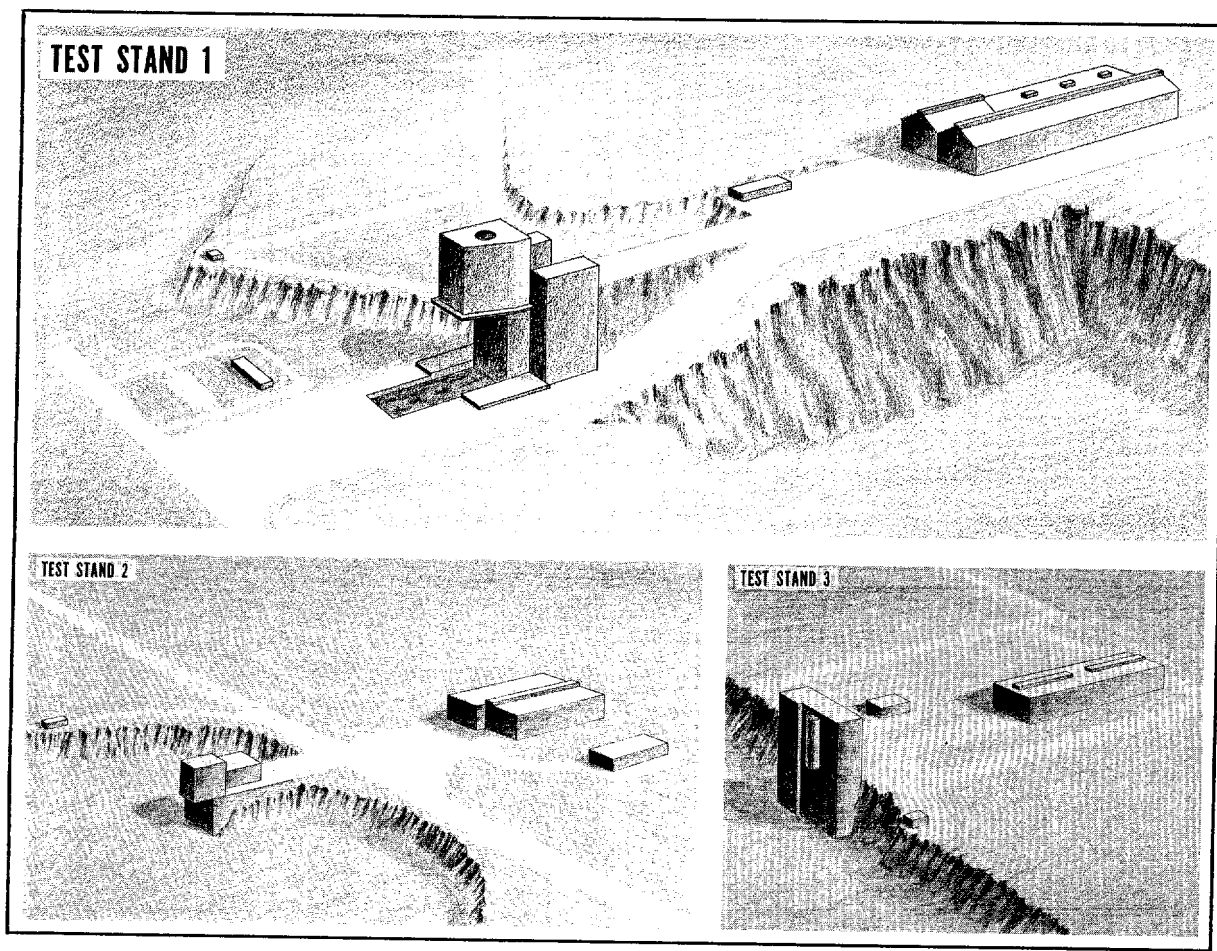


FIGURE 4. TEST STANDS 1, 2, AND 3 OF THE ZAGORSK ROCKET TEST FACILITY.

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stands are approximate unless otherwise qualified.

Test Stand 1

Test Stand 1 is situated at the end of an 85-foot-wide ramp that extends 795 feet from a large checkout/assembly building. The width of the ramp increases to more than 250 feet in front of the checkout/assembly building to form a large apron. The central part of the test stand measures 85 by 85 feet and is estimated to be 200 feet in height, measuring from the blast pit to the top of the stand. Two smaller sections of the test stand are on either side of and just behind the main component of the stand. These sections measure 80 by 50 feet each and are an estimated 150 feet in height. A platform appears to encircle the front of the stand near the 100-foot level, and a dark circular object without apparent height is seen on top of the stand. A control building is situated on a bluff 500 feet to the northeast.

Test Stand 2

Test Stand 2 is situated at the end of a 100-foot-wide ramp overhanging a ravine. The stand measures 40 by 40 feet and is estimated to have a height of 100 feet from the bottom of the ravine to the top of the stand. A building adjacent to the stand measures 60 by 50 feet, and a control building is situated 500 feet to the east. A checkout building is 355 feet to the south and is connected to the ramp by a wide apron.

Test Stand 3

Test Stand 3 is positioned against the side of a ravine 245 feet north of a checkout building to which it is connected by a 50-foot-wide apron. The stand is 160 feet long, 30 feet wide on the west end, 40 feet wide on the east end, and has an estimated height of 150 feet from the bottom of the ravine. The long axis of the stand is oriented parallel to the side of the embankment. A control building is 200 feet to the west of the stand.

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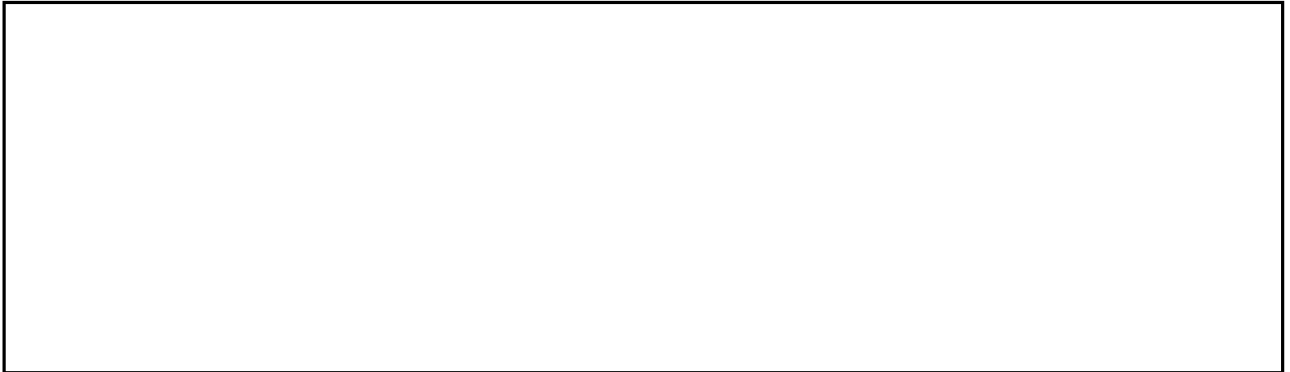
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REFERENCES

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MAPS AND CHARTS

SAC. US Air Target Chart, Series 200, Sheet 0154-23HL, 2d ed, Apr 63, scale 1:200,000 (SECRET)

DOCUMENTS

NPIC. R-17/63, *Missile and Propulsion Test Complex Near Zagorsk, USSR*, Mar 63 (TOP SECRET)

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REQUIREMENT

CIA. C-RR4-81,197

NPIC PROJECT

N-291/64 (partial answer)

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